

**WEST**[Help](#)[Logout](#)[Interrupt](#)[Main Menu](#)[Search Form](#)[Posting Counts](#)[Show S Numbers](#)[Edit S Numbers](#)[Preferences](#)**Search Results -**

Terms	Documents
L7 and (film or sheet)	48

**Database:**

US Patents Full-Text Database

JPO Abstracts Database

EPO Abstracts Database

Derwent World Patents Index

IBM Technical Disclosure Bulletins

**Refine Search:**

L7 and (film or sheet)

[Clear](#)**Search History****Today's Date: 10/19/2000**

<u>DB Name</u>	<u>Query</u>	<u>Hit Count</u>	<u>Set Name</u>
USPT	L7 and (film or sheet)	48	<u>L8</u>
USPT	L6 and (fiber or paper or chain)	48	<u>L7</u>
USPT	L4 and dielectric\$3	51	<u>L6</u>
USPT	L4 ans dielectric\$3	122901	<u>L5</u>
USPT	L3 and orient\$5 and detect\$3	52	<u>L4</u>
USPT	L2 and rotat\$3	61	<u>L3</u>
USPT	L1 and anisotropy and resona\$5	85	<u>L2</u>
USPT	microwave and energy and reflection and transmission	4008	<u>L1</u>

**WEST**[Generate Collection](#)**Search Results - Record(s) 1 through 10 of 48 returned.**☐ 1. Document ID: US 6111696 A

L8: Entry 1 of 48

File: USPT

Aug 29, 2000

US-PAT-NO: 6111696

DOCUMENT-IDENTIFIER: US 6111696 A

TITLE: Brightness enhancement film

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Draw Desc	Image
------	-------	----------	-------	--------	----------------	------	-----------	--------	------	-----------	-------

☐ 2. Document ID: US 6057961 A

L8: Entry 2 of 48

File: USPT

May 2, 2000

US-PAT-NO: 6057961

DOCUMENT-IDENTIFIER: US 6057961 A

TITLE: Optical film with increased gain at non-normal angles of incidence

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Draw Desc	Image
------	-------	----------	-------	--------	----------------	------	-----------	--------	------	-----------	-------

☐ 3. Document ID: US 5974150 A

L8: Entry 3 of 48

File: USPT

Oct 26, 1999

US-PAT-NO: 5974150

DOCUMENT-IDENTIFIER: US 5974150 A

TITLE: System and method for authentication of goods

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Draw Desc	Image
------	-------	----------	-------	--------	----------------	------	-----------	--------	------	-----------	-------

☐ 4. Document ID: US 5736856 A

L8: Entry 4 of 48

File: USPT

Apr 7, 1998

US-PAT-NO: 5736856

DOCUMENT-IDENTIFIER: US 5736856 A

TITLE: Method and apparatus for performing magnetic field measurements using magneto-optic Kerr effect sensors

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Draw Desc	Image
------	-------	----------	-------	--------	----------------	------	-----------	--------	------	-----------	-------

☐ 5. Document ID: US 5631559 A

L8: Entry 5 of 48

File: USPT

May 20, 1997

US-PAT-NO: 5631559

DOCUMENT-IDENTIFIER: US 5631559 A

TITLE: Method and apparatus for performing magnetic field measurements using magneto-optic kerr effect sensors

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KMMC	Draw Desc	Image
------	-------	----------	-------	--------	----------------	------	-----------	--------	------	-----------	-------

☐ 6. Document ID: US 5493220 A

L8: Entry 6 of 48

File: USPT

Feb 20, 1996

US-PAT-NO: 5493220

DOCUMENT-IDENTIFIER: US 5493220 A

TITLE: Magneto-optic Kerr effect stress sensing system

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KMMC	Draw Desc	Image
------	-------	----------	-------	--------	----------------	------	-----------	--------	------	-----------	-------

☐ 7. Document ID: US 5248636 A

L8: Entry 7 of 48

File: USPT

Sep 28, 1993

US-PAT-NO: 5248636

DOCUMENT-IDENTIFIER: US 5248636 A

TITLE: Processing method using both a remotely generated plasma and an in-situ plasma with UV irradiation

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KMMC	Draw Desc	Image
------	-------	----------	-------	--------	----------------	------	-----------	--------	------	-----------	-------

☐ 8. Document ID: US 5138973 A

L8: Entry 8 of 48

File: USPT

Aug 18, 1992

US-PAT-NO: 5138973

DOCUMENT-IDENTIFIER: US 5138973 A

TITLE: Wafer processing apparatus having independently controllable energy sources

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KMMC	Draw Desc	Image
------	-------	----------	-------	--------	----------------	------	-----------	--------	------	-----------	-------

☐ 9. Document ID: US 4988533 A

L8: Entry 9 of 48

File: USPT

Jan 29, 1991

US-PAT-NO: 4988533  
DOCUMENT-IDENTIFIER: US 4988533 A  
TITLE: Method for deposition of silicon oxide on a wafer

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KMIC	Draw Desc	Image
------	-------	----------	-------	--------	----------------	------	-----------	--------	------	-----------	-------

---

☐ 10. Document ID: US 4949671 A

L8: Entry 10 of 48

File: USPT

Aug 21, 1990

US-PAT-NO: 4949671  
DOCUMENT-IDENTIFIER: US 4949671 A  
TITLE: Processing apparatus and method

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KMIC	Draw Desc	Image
------	-------	----------	-------	--------	----------------	------	-----------	--------	------	-----------	-------

---

Generate Collection

Terms	Documents
L7 and (film or sheet)	48

---

Display

10

Documents, starting with Document:

11

Display Format: TI

Change Format

**WEST**[Generate Collection](#)**Search Results - Record(s) 11 through 20 of 48 returned.**☐ 11. Document ID: US 4923562 A

L8: Entry 11 of 48

File: USPT

May 8, 1990

US-PAT-NO: 4923562

DOCUMENT-IDENTIFIER: US 4923562 A

TITLE: Processing of etching refractory metals

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Draw Desc	Image
------	-------	----------	-------	--------	----------------	------	-----------	--------	------	-----------	-------

☐ 12. Document ID: US 4915777 A

L8: Entry 12 of 48

File: USPT

Apr 10, 1990

US-PAT-NO: 4915777

DOCUMENT-IDENTIFIER: US 4915777 A

TITLE: Method for etching tungsten

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Draw Desc	Image
------	-------	----------	-------	--------	----------------	------	-----------	--------	------	-----------	-------

☐ 13. Document ID: US 4911103 A

L8: Entry 13 of 48

File: USPT

Mar 27, 1990

US-PAT-NO: 4911103

DOCUMENT-IDENTIFIER: US 4911103 A

TITLE: Processing apparatus and method

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Draw Desc	Image
------	-------	----------	-------	--------	----------------	------	-----------	--------	------	-----------	-------

☐ 14. Document ID: US 4910043 A

L8: Entry 14 of 48

File: USPT

Mar 20, 1990

US-PAT-NO: 4910043

DOCUMENT-IDENTIFIER: US 4910043 A

TITLE: Processing apparatus and method

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Draw Desc	Image
------	-------	----------	-------	--------	----------------	------	-----------	--------	------	-----------	-------

☐ 15. Document ID: US 4906328 A

L8: Entry 15 of 48

File: USPT

Mar 6, 1990

US-PAT-NO: 4906328

DOCUMENT-IDENTIFIER: US 4906328 A

TITLE: Method for wafer treating

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Draw Desc	Image
------	-------	----------	-------	--------	----------------	------	-----------	--------	------	-----------	-------

☐ 16. Document ID: US 4904621 A

L8: Entry 16 of 48

File: USPT

Feb 27, 1990

US-PAT-NO: 4904621

DOCUMENT-IDENTIFIER: US 4904621 A

TITLE: Remote plasma generation process using a two-stage showerhead

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Draw Desc	Image
------	-------	----------	-------	--------	----------------	------	-----------	--------	------	-----------	-------

☐ 17. Document ID: US 4891488 A

L8: Entry 17 of 48

File: USPT

Jan 2, 1990

US-PAT-NO: 4891488

DOCUMENT-IDENTIFIER: US 4891488 A

TITLE: Processing apparatus and method

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Draw Desc	Image
------	-------	----------	-------	--------	----------------	------	-----------	--------	------	-----------	-------

☐ 18. Document ID: US 4886570 A

L8: Entry 18 of 48

File: USPT

Dec 12, 1989

US-PAT-NO: 4886570

DOCUMENT-IDENTIFIER: US 4886570 A

TITLE: Processing apparatus and method

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Draw Desc	Image
------	-------	----------	-------	--------	----------------	------	-----------	--------	------	-----------	-------

☐ 19. Document ID: US 4877757 A

L8: Entry 19 of 48

File: USPT

Oct 31, 1989

US-PAT-NO: 4877757

DOCUMENT-IDENTIFIER: US 4877757 A

TITLE: Method of sequential cleaning and passivating a GaAs substrate using remote oxygen plasma

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KMMC	Draw Desc	Image
------	-------	----------	-------	--------	----------------	------	-----------	--------	------	-----------	-------

☐ 20. Document ID: US 4875989 A

L8: Entry 20 of 48

File: USPT

Oct 24, 1989

US-PAT-NO: 4875989

DOCUMENT-IDENTIFIER: US 4875989 A

TITLE: Wafer processing apparatus

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KMMC	Draw Desc	Image
------	-------	----------	-------	--------	----------------	------	-----------	--------	------	-----------	-------

Generate Collection

Terms	Documents
L7 and (film or sheet)	48

Display

10

Documents, starting with Document:

21

Display Format: TI

Change Format

**WEST**[Generate Collection](#)**Search Results - Record(s) 21 through 30 of 48 returned.**☐ 21. Document ID: US 4874723 A

L8: Entry 21 of 48

File: USPT

Oct 17, 1989

US-PAT-NO: 4874723

DOCUMENT-IDENTIFIER: US 4874723 A

TITLE: Selective etching of tungsten by remote and in situ plasma generation

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Draw Desc	Image
------	-------	----------	-------	--------	----------------	------	-----------	--------	------	-----------	-------

☐ 22. Document ID: US 4872938 A

L8: Entry 22 of 48

File: USPT

Oct 10, 1989

US-PAT-NO: 4872938

DOCUMENT-IDENTIFIER: US 4872938 A

TITLE: Processing apparatus

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Draw Desc	Image
------	-------	----------	-------	--------	----------------	------	-----------	--------	------	-----------	-------

☐ 23. Document ID: US 4867841 A

L8: Entry 23 of 48

File: USPT

Sep 19, 1989

US-PAT-NO: 4867841

DOCUMENT-IDENTIFIER: US 4867841 A

TITLE: Method for etch of polysilicon film

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Draw Desc	Image
------	-------	----------	-------	--------	----------------	------	-----------	--------	------	-----------	-------

☐ 24. Document ID: US 4863558 A

L8: Entry 24 of 48

File: USPT

Sep 5, 1989

US-PAT-NO: 4863558

DOCUMENT-IDENTIFIER: US 4863558 A

TITLE: Method for etching tungsten

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Draw Desc	Image
------	-------	----------	-------	--------	----------------	------	-----------	--------	------	-----------	-------



☐ 25. Document ID: US 4857132 A

L8: Entry 25 of 48

File: USPT

Aug 15, 1989

US-PAT-NO: 4857132

DOCUMENT-IDENTIFIER: US 4857132 A

TITLE: Processing apparatus for wafers

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Draw Desc	Image
------	-------	----------	-------	--------	----------------	------	-----------	--------	------	-----------	-------

☐ 26. Document ID: US 4855160 A

L8: Entry 26 of 48

File: USPT

Aug 8, 1989

US-PAT-NO: 4855160

DOCUMENT-IDENTIFIER: US 4855160 A

TITLE: Method for passivating wafer

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Draw Desc	Image
------	-------	----------	-------	--------	----------------	------	-----------	--------	------	-----------	-------

☐ 27. Document ID: US 4855016 A

L8: Entry 27 of 48

File: USPT

Aug 8, 1989

US-PAT-NO: 4855016

DOCUMENT-IDENTIFIER: US 4855016 A

TITLE: Method for etching aluminum film doped with copper

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Draw Desc	Image
------	-------	----------	-------	--------	----------------	------	-----------	--------	------	-----------	-------

☐ 28. Document ID: US 4849067 A

L8: Entry 28 of 48

File: USPT

Jul 18, 1989

US-PAT-NO: 4849067

DOCUMENT-IDENTIFIER: US 4849067 A

TITLE: Method for etching tungsten

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Draw Desc	Image
------	-------	----------	-------	--------	----------------	------	-----------	--------	------	-----------	-------

☐ 29. Document ID: US 4844773 A

L8: Entry 29 of 48

File: USPT

Jul 4, 1989

US-PAT-NO: 4844773

DOCUMENT-IDENTIFIER: US 4844773 A

TITLE: Process for etching silicon nitride film

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWC	Draw Desc	Image
------	-------	----------	-------	--------	----------------	------	-----------	--------	-----	-----------	-------

☐ 30. Document ID: US 4842676 A

L8: Entry 30 of 48

File: USPT

Jun 27, 1989

US-PAT-NO: 4842676

DOCUMENT-IDENTIFIER: US 4842676 A

TITLE: Process for etch of tungsten

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWC	Draw Desc	Image
------	-------	----------	-------	--------	----------------	------	-----------	--------	-----	-----------	-------

Generate Collection

Terms	Documents
L7 and (film or sheet)	48

Display

10

Documents, starting with Document:

31

**Display Format:** TI

Change Format

**WEST**[Generate Collection](#)**Search Results - Record(s) 31 through 40 of 48 returned.**☐ 31. Document ID: US 4842686 A

L8: Entry 31 of 48

File: USPT

Jun 27, 1989

US-PAT-NO: 4842686

DOCUMENT-IDENTIFIER: US 4842686 A

TITLE: Wafer processing apparatus and method

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Draw Desc	Image
------	-------	----------	-------	--------	----------------	------	-----------	--------	------	-----------	-------

☐ 32. Document ID: US 4842687 A

L8: Entry 32 of 48

File: USPT

Jun 27, 1989

US-PAT-NO: 4842687

DOCUMENT-IDENTIFIER: US 4842687 A

TITLE: Method for etching tungsten

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Draw Desc	Image
------	-------	----------	-------	--------	----------------	------	-----------	--------	------	-----------	-------

☐ 33. Document ID: US 4838984 A

L8: Entry 33 of 48

File: USPT

Jun 13, 1989

US-PAT-NO: 4838984

DOCUMENT-IDENTIFIER: US 4838984 A

TITLE: Method for etching films of mercury-cadmium-telluride and zinc sulfid

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Draw Desc	Image
------	-------	----------	-------	--------	----------------	------	-----------	--------	------	-----------	-------

☐ 34. Document ID: US 4838990 A

L8: Entry 34 of 48

File: USPT

Jun 13, 1989

US-PAT-NO: 4838990

DOCUMENT-IDENTIFIER: US 4838990 A

TITLE: Method for plasma etching tungsten

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Draw Desc	Image
------	-------	----------	-------	--------	----------------	------	-----------	--------	------	-----------	-------

☐ 35. Document ID: US 4836905 A

L8: Entry 35 of 48

File: USPT

Jun 6, 1989

US-PAT-NO: 4836905

DOCUMENT-IDENTIFIER: US 4836905 A

TITLE: Processing apparatus

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KMMC	Draw Desc	Image
------	-------	----------	-------	--------	----------------	------	-----------	--------	------	-----------	-------

☐ 36. Document ID: US 4837113 A

L8: Entry 36 of 48

File: USPT

Jun 6, 1989

US-PAT-NO: 4837113

DOCUMENT-IDENTIFIER: US 4837113 A

TITLE: Method for depositing compound from group II-VI

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KMMC	Draw Desc	Image
------	-------	----------	-------	--------	----------------	------	-----------	--------	------	-----------	-------

☐ 37. Document ID: US 4832777 A

L8: Entry 37 of 48

File: USPT

May 23, 1989

US-PAT-NO: 4832777

DOCUMENT-IDENTIFIER: US 4832777 A

TITLE: Processing apparatus and method

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KMMC	Draw Desc	Image
------	-------	----------	-------	--------	----------------	------	-----------	--------	------	-----------	-------

☐ 38. Document ID: US 4832778 A

L8: Entry 38 of 48

File: USPT

May 23, 1989

US-PAT-NO: 4832778

DOCUMENT-IDENTIFIER: US 4832778 A

TITLE: Processing apparatus for wafers

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KMMC	Draw Desc	Image
------	-------	----------	-------	--------	----------------	------	-----------	--------	------	-----------	-------

☐ 39. Document ID: US 4832779 A

L8: Entry 39 of 48

File: USPT

May 23, 1989

US-PAT-NO: 4832779

DOCUMENT-IDENTIFIER: US 4832779 A

TITLE: Processing apparatus

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Draw Desc	Image
------	-------	----------	-------	--------	----------------	------	-----------	--------	------	-----------	-------

☐ 40. Document ID: US 4830700 A

L8: Entry 40 of 48

File: USPT

May 16, 1989

US-PAT-NO: 4830700

DOCUMENT-IDENTIFIER: US 4830700 A

TITLE: Processing apparatus and method

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Draw Desc	Image
------	-------	----------	-------	--------	----------------	------	-----------	--------	------	-----------	-------

Generate Collection

Terms	Documents
L7 and (film or sheet)	48

Display

10

Documents, starting with Document:

41

Display Format:

TI

Change Format

**WEST**[Generate Collection](#)**Search Results - Record(s) 41 through 48 of 48 returned.**☐ 41. Document ID: US 4830705 A

L8: Entry 41 of 48

File: USPT

May 16, 1989

US-PAT-NO: 4830705

DOCUMENT-IDENTIFIER: US 4830705 A

TITLE: Method for etch of GaAs

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Draw Desc	Image
------	-------	----------	-------	--------	----------------	------	-----------	--------	------	-----------	-------

☐ 42. Document ID: US 4828649 A

L8: Entry 42 of 48

File: USPT

May 9, 1989

US-PAT-NO: 4828649

DOCUMENT-IDENTIFIER: US 4828649 A

TITLE: Method for etching an aluminum film doped with silicon

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Draw Desc	Image
------	-------	----------	-------	--------	----------------	------	-----------	--------	------	-----------	-------

☐ 43. Document ID: US 4822450 A

L8: Entry 43 of 48

File: USPT

Apr 18, 1989

US-PAT-NO: 4822450

DOCUMENT-IDENTIFIER: US 4822450 A

TITLE: Processing apparatus and method

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Draw Desc	Image
------	-------	----------	-------	--------	----------------	------	-----------	--------	------	-----------	-------

☐ 44. Document ID: US 4820377 A

L8: Entry 44 of 48

File: USPT

Apr 11, 1989

US-PAT-NO: 4820377

DOCUMENT-IDENTIFIER: US 4820377 A

TITLE: Method for cleanup processing chamber and vacuum process module

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Draw Desc	Image
------	-------	----------	-------	--------	----------------	------	-----------	--------	------	-----------	-------

☐ 45. Document ID: US 4820378 A

L8: Entry 45 of 48

File: USPT

Apr 11, 1989

US-PAT-NO: 4820378

DOCUMENT-IDENTIFIER: US 4820378 A

TITLE: Process for etching silicon nitride selectively to silicon oxide

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWC	Draw Desc	Image
------	-------	----------	-------	--------	----------------	------	-----------	--------	-----	-----------	-------

☐ 46. Document ID: US 4818326 A

L8: Entry 46 of 48

File: USPT

Apr 4, 1989

US-PAT-NO: 4818326

DOCUMENT-IDENTIFIER: US 4818326 A

TITLE: Processing apparatus

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWC	Draw Desc	Image
------	-------	----------	-------	--------	----------------	------	-----------	--------	-----	-----------	-------

☐ 47. Document ID: US 4818327 A

L8: Entry 47 of 48

File: USPT

Apr 4, 1989

US-PAT-NO: 4818327

DOCUMENT-IDENTIFIER: US 4818327 A

TITLE: Wafer processing apparatus

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWC	Draw Desc	Image
------	-------	----------	-------	--------	----------------	------	-----------	--------	-----	-----------	-------

☐ 48. Document ID: US 4816098 A

L8: Entry 48 of 48

File: USPT

Mar 28, 1989

US-PAT-NO: 4816098

DOCUMENT-IDENTIFIER: US 4816098 A

TITLE: Apparatus for transferring workpieces

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWC	Draw Desc	Image
------	-------	----------	-------	--------	----------------	------	-----------	--------	-----	-----------	-------

**Generate Collection**

Terms	Documents
L7 and (film or sheet)	48

**Display****10**

Documents, starting with Document:

**48**

**WEST**[Generate Collection](#)**Search Results - Record(s) 1 through 3 of 3 returned.**☐ 1. Document ID: US 5736856 A

L11: Entry 1 of 3

File: USPT

Apr 7, 1998

US-PAT-NO: 5736856

DOCUMENT-IDENTIFIER: US 5736856 A

TITLE: Method and apparatus for performing magnetic field measurements using magneto-optic Kerr effect sensors

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Draw Desc	Image
------	-------	----------	-------	--------	----------------	------	-----------	--------	------	-----------	-------

☐ 2. Document ID: US 5631559 A

L11: Entry 2 of 3

File: USPT

May 20, 1997

US-PAT-NO: 5631559

DOCUMENT-IDENTIFIER: US 5631559 A

TITLE: Method and apparatus for performing magnetic field measurements using magneto-optic kerr effect sensors

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Draw Desc	Image
------	-------	----------	-------	--------	----------------	------	-----------	--------	------	-----------	-------

☐ 3. Document ID: US 5493220 A

L11: Entry 3 of 3

File: USPT

Feb 20, 1996

US-PAT-NO: 5493220

DOCUMENT-IDENTIFIER: US 5493220 A

TITLE: Magneto-optic Kerr effect stress sensing system

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Draw Desc	Image
------	-------	----------	-------	--------	----------------	------	-----------	--------	------	-----------	-------

[Generate Collection](#)

Terms	Documents
L10 and ((324/\$)!.CCLS.)	3

[Display](#)[10](#) Documents, starting with Document: [3](#)



**WEST**[Help](#)[Logout](#)[Interrupt](#)[Main Menu](#)[Search Form](#)[Posting Counts](#)[Show S Numbers](#)[Edit S Numbers](#)[Preferences](#)**Search Results -**

Terms	Documents
L3 and microwave	6

**Database:**

US Patents Full-Text Database  
JPO Abstracts Database  
EPO Abstracts Database  
Derwent World Patents Index  
IBM Technical Disclosure Bulletins

**Refine Search:**

L3 and microwave

**Clear****Search History****Today's Date: 10/19/2000**

<u>DB Name</u>	<u>Query</u>	<u>Hit Count</u>	<u>Set Name</u>
USPT	L3 and microwave	6	<u>L4</u>
USPT	L2 and rotat\$3	19	<u>L3</u>
USPT	L1 and laser and measur\$4	33	<u>L2</u>
USPT	paper same fiber ADJ orientation	216	<u>L1</u>

**WEST**[Generate Collection](#)**Search Results - Record(s) 1 through 6 of 6 returned.**☐ 1. Document ID: US 6049211 A

L4: Entry 1 of 6

File: USPT

Apr 11, 2000

US-PAT-NO: 6049211

DOCUMENT-IDENTIFIER: US 6049211 A

TITLE: Method and apparatus for determination of fiber orientation in paper or paperboard web

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Draw Desc	Image
------	-------	----------	-------	--------	----------------	------	-----------	--------	------	-----------	-------

☐ 2. Document ID: US 5699163 A

L4: Entry 2 of 6

File: USPT

Dec 16, 1997

US-PAT-NO: 5699163

DOCUMENT-IDENTIFIER: US 5699163 A

TITLE: Method of determining the orientation of fibers on the surface of paper

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Draw Desc	Image
------	-------	----------	-------	--------	----------------	------	-----------	--------	------	-----------	-------

☐ 3. Document ID: US 5394247 A

L4: Entry 3 of 6

File: USPT

Feb 28, 1995

US-PAT-NO: 5394247

DOCUMENT-IDENTIFIER: US 5394247 A

TITLE: Measurement of paper curl tendency using specular and diffuse light reflection

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Draw Desc	Image
------	-------	----------	-------	--------	----------------	------	-----------	--------	------	-----------	-------

☐ 4. Document ID: US 5104488 A

L4: Entry 4 of 6

File: USPT

Apr 14, 1992

US-PAT-NO: 5104488

DOCUMENT-IDENTIFIER: US 5104488 A

TITLE: System and process for continuous determination and control of paper strength

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Draw Desc	Image
------	-------	----------	-------	--------	----------------	------	-----------	--------	------	-----------	-------

☐ 5. Document ID: US 5013403 A

L4: Entry 5 of 6

File: USPT

May 7, 1991

US-PAT-NO: 5013403

DOCUMENT-IDENTIFIER: US 5013403 A

TITLE: Process for continuous determination of paper strength

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Draw Desc	Image
------	-------	----------	-------	--------	----------------	------	-----------	--------	------	-----------	-------

☐ 6. Document ID: US 4841223 A

L4: Entry 6 of 6

File: USPT

Jun 20, 1989

US-PAT-NO: 4841223

DOCUMENT-IDENTIFIER: US 4841223 A

TITLE: Method and apparatus for measuring fiber orientation anisotropy

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Draw Desc	Image
------	-------	----------	-------	--------	----------------	------	-----------	--------	------	-----------	-------

**Generate Collection**

Terms	Documents
L3 and microwave	6

**Display****10**

Documents, starting with Document:

**6****Display Format:** **TI****Change Format**

**WEST**[Help](#)[Logout](#)[Interrupt](#)[Main Menu](#)[Search Form](#)[Posting Counts](#)[Show S Numbers](#)[Edit S Numbers](#)[Preferences](#)**Search Results -**

Terms	Documents
L5 and reflect\$3 and transmi\$5	6

**Database:**

US Patents Full-Text Database

JPO Abstracts Database

EPO Abstracts Database

Derwent World Patents Index

IBM Technical Disclosure Bulletins

**Refine Search:**

L5 and reflect\$3 and transmi\$5

[Clear](#)**Search History****Today's Date: 10/19/2000**

<u>DB Name</u>	<u>Query</u>	<u>Hit Count</u>	<u>Set Name</u>
USPT	L5 and reflect\$3 and transmi\$5	6	<a href="#">L6</a>
USPT	L4 and orient\$5	11	<a href="#">L5</a>
USPT	L3 and rotat\$3	12	<a href="#">L4</a>
USPT	dielectric ADJ anisotropy and microwave and electric ADJ field	16	<a href="#">L3</a>
USPT	dielectric ADJ anisotropy and microwace and electric ADJ field	0	<a href="#">L2</a>
USPT	dielectric ADJ anisotropy and microwace and electric ADJ field ADJ vector	0	<a href="#">L1</a>

**WEST**[Help](#)[Logout](#)[Interrupt](#)[Main Menu](#)[Search Form](#)[Posting Counts](#)[Show S Numbers](#)[Edit S Numbers](#)[Preferences](#)**Search Results -**

Terms	Documents
L9 and rotat\$3	11

**Database:**

US Patents Full-Text Database

JPO Abstracts Database

EPO Abstracts Database

Derwent World Patents Index

IBM Technical Disclosure Bulletins

**Refine Search:**

L9 and rotat\$3

**Clear****Search History****Today's Date: 10/19/2000**

<u>DB Name</u>	<u>Query</u>	<u>Hit Count</u>	<u>Set Name</u>
USPT	L9 and rotat\$3	11	<u>L10</u>
USPT	L6 and L8	17	<u>L9</u>
USPT	microwave with resonan\$3	3329	<u>L8</u>
USPT	microwave and resonan\$3	9638	<u>L7</u>
USPT	fiber with orientation	9787	<u>L6</u>
USPT	L3 and rotat\$3	7	<u>L5</u>
USPT	dielectric ADJ anisotropy same microwave	12	<u>L4</u>
USPT	dielectric ADJ anisotropy same microwave	12	<u>L3</u>
USPT	L1 and rotat\$3	2	<u>L2</u>
USPT	dielectric ADJ anisotropy with microwave	5	<u>L1</u>

**WEST**[Generate Collection](#)**Search Results - Record(s) 1 through 10 of 11 returned.**☐ 1. Document ID: US 6111651 A

L10: Entry 1 of 11

File: USPT

Aug 29, 2000

US-PAT-NO: 6111651

DOCUMENT-IDENTIFIER: US 6111651 A

TITLE: Method and apparatus for measuring properties of a moving web

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Draw Desc	Image
------	-------	----------	-------	--------	----------------	------	-----------	--------	------	-----------	-------

☐ 2. Document ID: US 6049211 A

L10: Entry 2 of 11

File: USPT

Apr 11, 2000

US-PAT-NO: 6049211

DOCUMENT-IDENTIFIER: US 6049211 A

TITLE: Method and apparatus for determination of fiber orientation in paper or paperboard web

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Draw Desc	Image
------	-------	----------	-------	--------	----------------	------	-----------	--------	------	-----------	-------

☐ 3. Document ID: US 5109595 A

L10: Entry 3 of 11

File: USPT

May 5, 1992

US-PAT-NO: 5109595

DOCUMENT-IDENTIFIER: US 5109595 A

TITLE: Method of making a fiberoptic sensor of a microwave field

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Draw Desc	Image
------	-------	----------	-------	--------	----------------	------	-----------	--------	------	-----------	-------

☐ 4. Document ID: US 5110216 A

L10: Entry 4 of 11

File: USPT

May 5, 1992

US-PAT-NO: 5110216

DOCUMENT-IDENTIFIER: US 5110216 A

TITLE: Fiberoptic techniques for measuring the magnitude of local microwave fields and power

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Draw Desc	Image
------	-------	----------	-------	--------	----------------	------	-----------	--------	------	-----------	-------

☐ 5. Document ID: US 5001433 A

L10: Entry 5 of 11

File: USPT

Mar 19, 1991

US-PAT-NO: 5001433

DOCUMENT-IDENTIFIER: US 5001433 A

TITLE: Apparatus and method for measuring electric characteristics of material

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Draw Desc	Image
------	-------	----------	-------	--------	----------------	------	-----------	--------	------	-----------	-------

☐ 6. Document ID: US 4781063 A

L10: Entry 6 of 11

File: USPT

Nov 1, 1988

US-PAT-NO: 4781063

DOCUMENT-IDENTIFIER: US 4781063 A

TITLE: Method of measuring orientation of sheet or web like material

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Draw Desc	Image
------	-------	----------	-------	--------	----------------	------	-----------	--------	------	-----------	-------

☐ 7. Document ID: US 4742300 A

L10: Entry 7 of 11

File: USPT

May 3, 1988

US-PAT-NO: 4742300

DOCUMENT-IDENTIFIER: US 4742300 A

TITLE: High accuracy mapping of magnetic fields with a fiber optic interferometer

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Draw Desc	Image
------	-------	----------	-------	--------	----------------	------	-----------	--------	------	-----------	-------

☐ 8. Document ID: US 4710700 A

L10: Entry 8 of 11

File: USPT

Dec 1, 1987

US-PAT-NO: 4710700

DOCUMENT-IDENTIFIER: US 4710700 A

TITLE: Method of measuring orientation or dielectric characteristic of dielectric sheets or webs

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Draw Desc	Image
------	-------	----------	-------	--------	----------------	------	-----------	--------	------	-----------	-------

☐ 9. Document ID: US 4634977 A

L10: Entry 9 of 11

File: USPT

Jan 6, 1987

US-PAT-NO: 4634977

DOCUMENT-IDENTIFIER: US 4634977 A

TITLE: High accuracy mapping of magnetic fields with a fiber optic interferometer

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KMC	Draw Desc	Image
------	-------	----------	-------	--------	----------------	------	-----------	--------	-----	-----------	-------

☐ 10. Document ID: US 4566121 A

L10: Entry 10 of 11

File: USPT

Jan 21, 1986

US-PAT-NO: 4566121

DOCUMENT-IDENTIFIER: US 4566121 A

TITLE: Process and apparatus for identifying articles of sheet material by means of microwaves

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KMC	Draw Desc	Image
------	-------	----------	-------	--------	----------------	------	-----------	--------	-----	-----------	-------

[Generate Collection](#)

Terms	Documents
L9 and rotat\$3	11

[Display](#) Documents, starting with Document: **Display Format:**[Change Format](#)



**WEST**[Generate Collection](#)**Search Results - Record(s) 11 through 11 of 11 returned.**☐ 11. Document ID: US 4566122 A

L10: Entry 11 of 11

File: USPT

Jan 21, 1986

US-PAT-NO: 4566122

DOCUMENT-IDENTIFIER: US 4566122 A

TITLE: Process and apparatus for identifying articles of sheet material by means of microwaves

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Draw Desc	Image
------	-------	----------	-------	--------	----------------	------	-----------	--------	------	-----------	-------

[Generate Collection](#)

Terms	Documents
L9 and rotat\$3	11

[Display](#)

Documents, starting with Document:

**Display Format:**[Change Format](#)

**WEST**[Generate Collection](#)**Search Results - Record(s) 1 through 1 of 1 returned.**☐ 1. Document ID: US 4904928 A

L11: Entry 1 of 1

File: USPT

Feb 27, 1990

US-PAT-NO: 4904928

DOCUMENT-IDENTIFIER: US 4904928 A

TITLE: Measurement apparatus and method utilizing multiple resonant modes of microwave energy

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWC	Draw Desc	Image
------	-------	----------	-------	--------	----------------	------	-----------	--------	-----	-----------	-------

[Generate Collection](#)

Terms	Documents
L4 and L8 and L6	1

[Display](#)[10](#)

Documents, starting with Document:

[1](#)**Display Format:**[TI](#)[Change Format](#)

**This Page is Inserted by IFW Indexing and Scanning  
Operations and is not part of the Official Record**

## **BEST AVAILABLE IMAGES**

Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images include but are not limited to the items checked:

- ☒ BLACK BORDERS
- ☒ IMAGE CUT OFF AT TOP, BOTTOM OR SIDES
- ☐ FADED TEXT OR DRAWING
- ☐ BLURRED OR ILLEGIBLE TEXT OR DRAWING
- ☐ SKEWED/SLANTED IMAGES
- ☒ COLOR OR BLACK AND WHITE PHOTOGRAPHS
- ☐ GRAY SCALE DOCUMENTS
- ☐ LINES OR MARKS ON ORIGINAL DOCUMENT
- ☒ REFERENCE(S) OR EXHIBIT(S) SUBMITTED ARE POOR QUALITY
- ☐ OTHER: \_\_\_\_\_

**IMAGES ARE BEST AVAILABLE COPY.**

**As rescanning these documents will not correct the image problems checked, please do not report these problems to the IFW Image Problem Mailbox.**